



सत्यमेव जयते

**भारत सरकार**  
**Government of India**  
**विद्युत मंत्रालय**  
**Ministry of Power**  
**केन्द्रीय विद्युत प्राधिकरण**  
**Central Electricity Authority**  
**विद्युत प्रणाली संचार विकास प्रभाग**  
**Power System Communication Development**  
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<b>CEA Case No.: RAJ-887</b>		
<b>Induced Voltage (IV) calculation for PTCC proposal for 220 kV S/C line from IB Vogt Solar Seven Pvt Ltd PSS to 765 kV Fatehgarh III PGCIL S/s (Length- 10.796 km)- regd.</b>		
<b>S. No</b>	<b>Reference No.</b>	<b>Dated</b>
(i)	IB Vogt Solar Seven Pvt Ltd: IBVogt/PTCC/1	02.08.2025
(ii)	BSNL: DE/PTCC/NZ/BSNL-TD/DV-10670/Raj-1681/2025-26	22.01.2026
(iii)	Northern Western Railway: SG/158/NWR/PTCC/1183	16.09.2025
(iv)	Defense: B/46937/Sigs 7(b)/5004	03.11.2025

The PTCC proposal submitted vide above references (i) has been examined. DET(PTCC), NZ BSNL vide reference (ii), Dy. CSTE, NWR vide reference (iii) and DG Signals, MoD vide reference (iv) has issued their respective No Objection Certificate (NOC).

EPR Zones for proposed substation is mentioned below.

Name of the proposed SS	Half Diagonal Distance, D/2 (mts)	Fault Current, I (kA)	Resistance of earthmat, R (Ohms)	d (mts) at 430 V	d (mts) at 650 V	d (mts) at 7 kV	d (mts) at 10 kV
220 kV IB Vogt Solar Seven PSS	80	29.5	0.472	2511	1634	79	NA

As per the details submitted by BSNL vide reference (ii) above, no telephone exchanges are falling in the EPR zone of the proposed substation.

Taking above into consideration, necessary action for issuance of PTCC route approval (RAC) shall be taken under intimation to this office in the stipulated period as specified in PTCC Manual and subsequent CLPTCC meetings.

As per the decision taken in 111th and 112th CLPTCC meeting, necessary instructions for "Deemed Energization approval" shall be specified while issuing RAC

Encl.: As above

Digitally signed by  
 Suman Kumar Maharana  
 Date: 29-01-2026  
 11:48:08  
**Chief Engineer**

**To,**

1.	Divisional Engineer (PTCC), Northern Zone	BSNL O/o PGM (N), QA & Inspection Circle, D-Tax Building, Eastern Court, Janpath, New Delhi 110001	
2.	Project Development Manager- IB Vogt Solar Seven Private Limited	Renew.Hub, Commercial Block -1, Zone-6, Golf Course Road, DLF City Phase -V, Gurugram -122009	Copy for information